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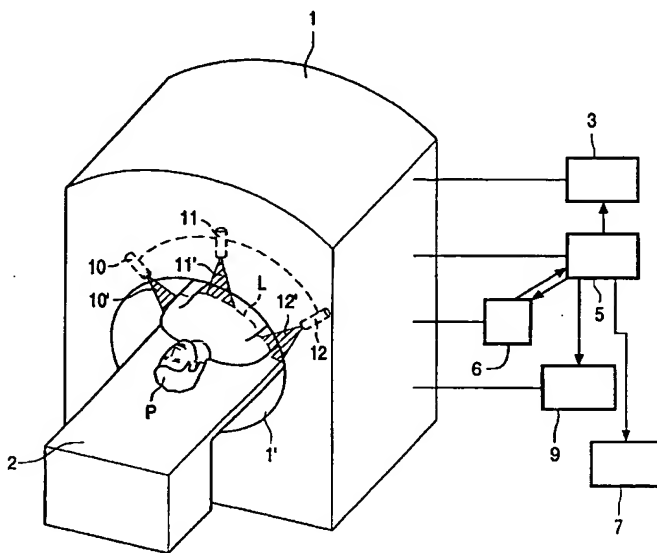
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(54) Title: A DIAGNOSTIC APPARATUS WITH AN AUTOMATIC VISUALIZATION OF SCAN PLANES



(57) Abstract: A diagnostic apparatus (1) according to the invention is arranged to comprise imaging means (6) for acquiring diagnostic information within a volume of a patient (P) being located with an imaging volume (1') of the diagnostic apparatus (1). In order to visualise the spatial position and orientation of an actual scanning plane on the skin of the patient corresponding to an actual diagnostic image, the diagnostic apparatus (1) comprises visualisation means (10,11,12). The visualisation means (10,11,12) are arranged in an immediate vicinity of the imaging volume (1') and can be realised as a set of light fan beams. The correct position of the light fans with respect to the actual imaging plane can be mechanically adjusted or can be adjusted by means of a mirror-based optical arrangement.